

(19) World Intellectual Property  
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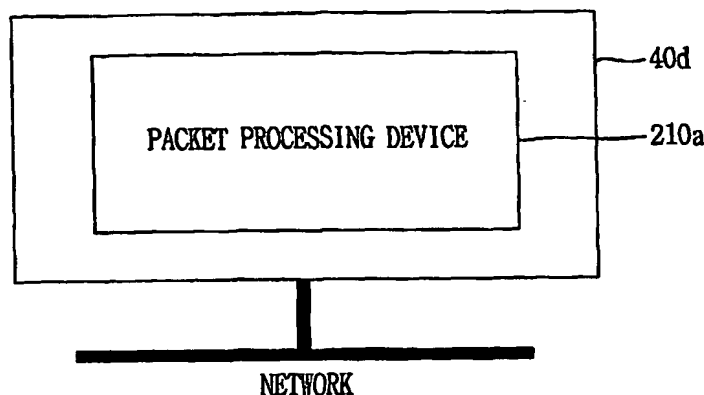
(43) International Publication Date  
9 December 2004 (09.12.2004)

PCT

(10) International Publication Number  
**WO 2004/107091 A3**

- (51) International Patent Classification<sup>7</sup>: **H04L 12/56**, 29/06
- (21) International Application Number: PCT/KR2004/001150
- (22) International Filing Date: 14 May 2004 (14.05.2004)
- (25) Filing Language: Korean
- (26) Publication Language: English
- (30) Priority Data:  
10-2003-0034962 30 May 2003 (30.05.2003) KR  
10-2004-0022187 31 March 2004 (31.03.2004) KR
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**  
— with international search report  
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 16 June 2005
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: HOME NETWORK SYSTEM



(57) Abstract: The present invention discloses a home network system using a living network control protocol. The home network system includes: an electric device (40d) having at least two heterogeneous function means; a network based on a predetermined protocol; and a network manager for controlling and/or monitoring the electric device (40d) through the network, the electric device (40d) including a packet processing device (210a) having one node address provided by the network manager, generating a packet having the node address, transmitting the packet to the network manager, receiving the packet having the node address from the network manager, and enabling the

heterogeneous function means corresponding to a command included in the packet to execute the command.

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR 2004/001150

## A. CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup>: H04L 12/56, 29/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup>: H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, PAJ, Elsevier, IEE, I3E, IEEEExplore

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Koon-Seok Lee, Hoan-Jong Choi, Chang-Ho Kim, Seung-Myun Baek, 'A new control protocol for home appliances-LnCP.' In: International Symposium on Industrial Electronics, 2001. Proceedings. ISIE 2001. 12-16 June 2001 pages: 286 - 291 volume 1	1-32
X	US 2003/0043845 A1 (LIM et al.) 6 March 2003 (06.03.2003) <i>figs. 2,3, paragraphs 15, 19, 27, 29-35.</i>	1-32

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- "&" document member of the same patent family

Date of the actual completion of the international search  
31 March 2005 (31.03.2005)

Date of mailing of the international search report  
19 April 2005 (19.04.2005)

Name and mailing address of the ISA/ AT  
**Austrian Patent Office**  
Dresdner Straße 87, A-1200 Vienna

Authorized officer  
**ENGLISCH M.**

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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR 2004/001150

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
A			none	
US	A	20030043 845	none	